



**Features**

- Gain: 31dB Typ.
- P1dB: 15dBm Typ.
- Customization Available

**Applications**

- Radar Systems
- Communication Systems
- Receivers Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	2		12	GHz
Gain	30	31		dB
Gain Flatness		±1	±2	dB
Gain Variation Over Temperature		±1		dB
Input VSWR		1.5	2.0	/
Output VSWR		1.8	2.0	/
Noise Figure		1.2	1.8	dB
Output Power for 1 dB Compression (P1dB)	13	15		dBm
Output Power (Psat)		16		dBm
Spurious		-60		dBc
Input Max Power(no damage)			-10	dBm
DC Current (Vcc=+15V)		120	150	mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material / Finishing		Aluminium\Gold		
Weight		50 g		
Package Sealing		General Sealing (Standard)		
Operational Temperature		-45°C~+85°C		
Storage Temperature		-55°C~+125°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm[inches] Tolerance ±0.25[0.01]

